

FIGURE 1

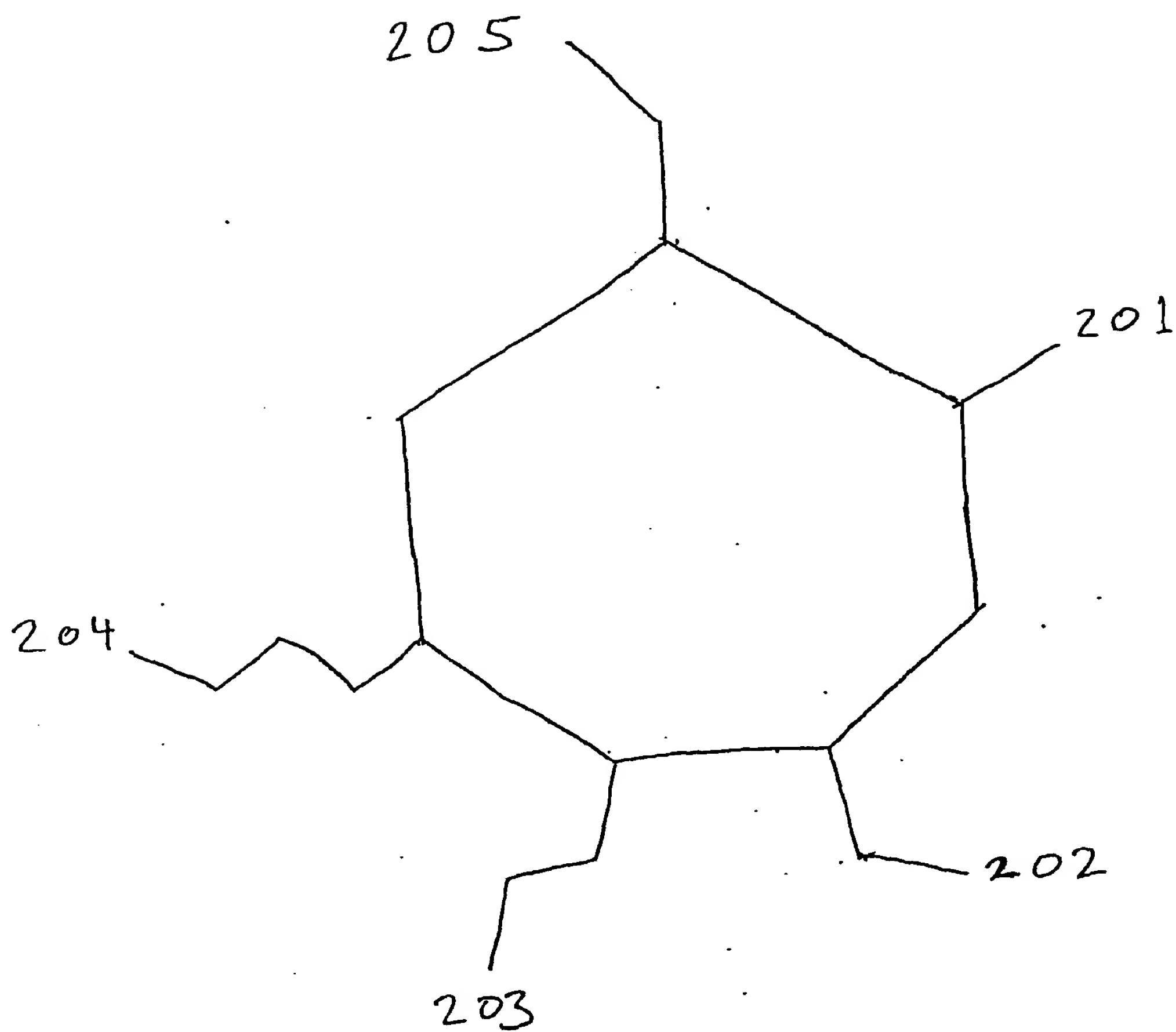


Figure 2

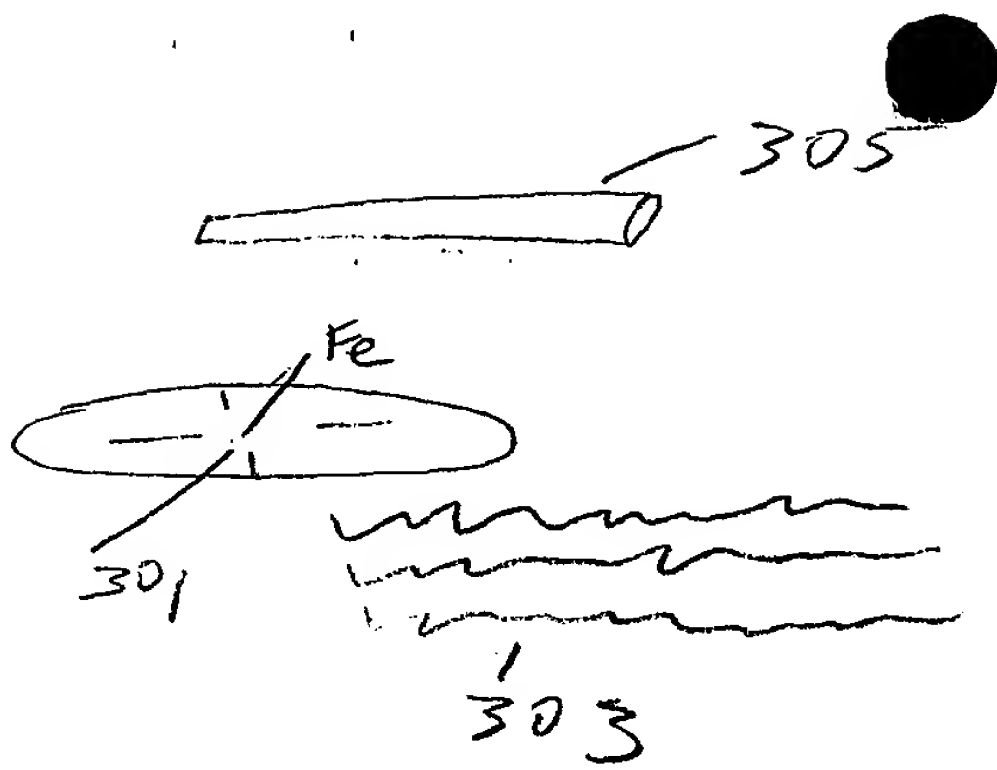


FIGURE 3A

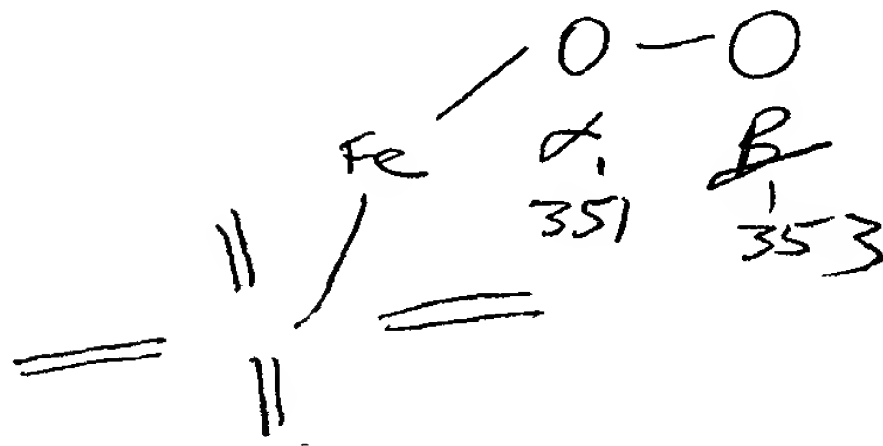


FIGURE 3B

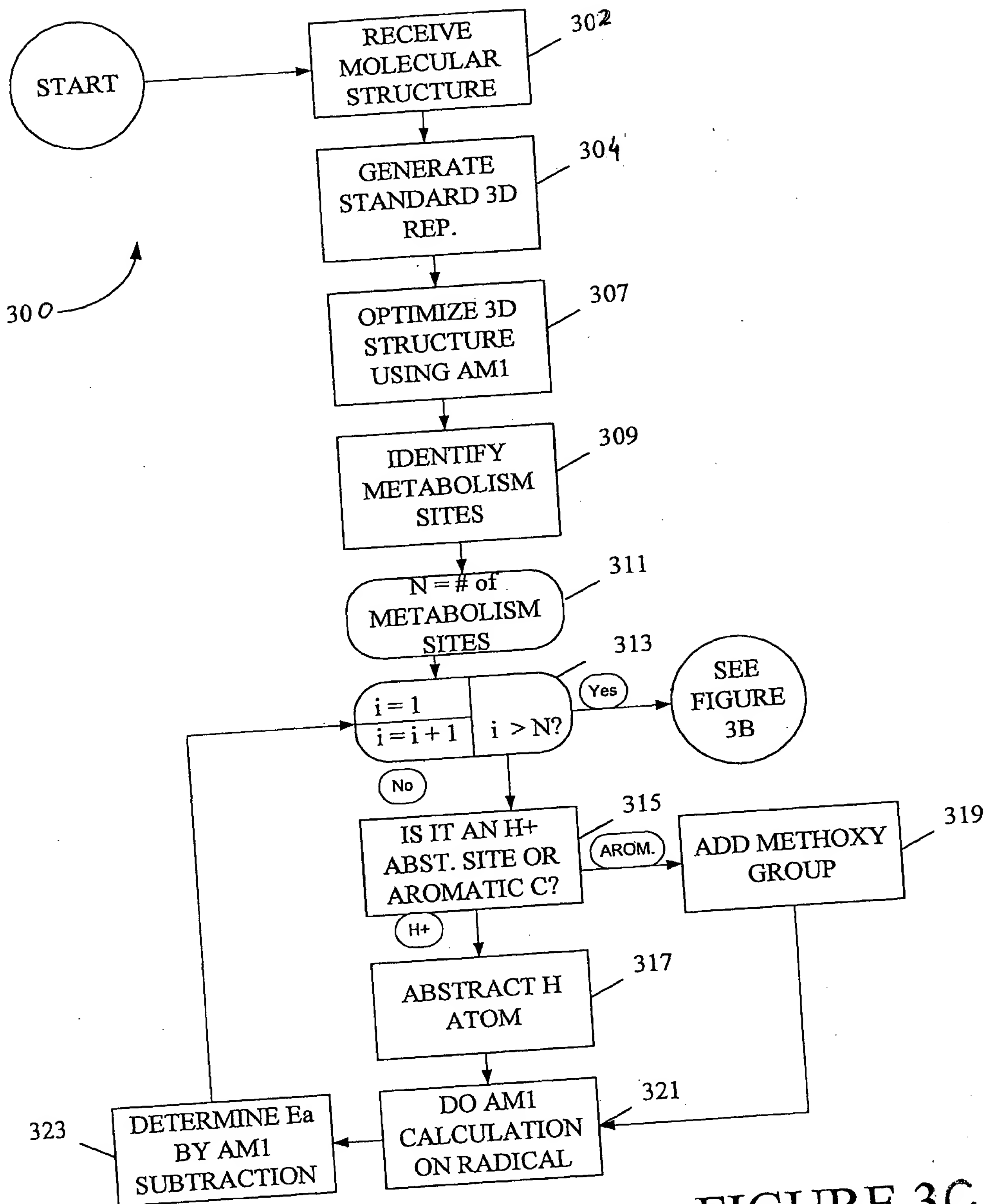


FIGURE 3C

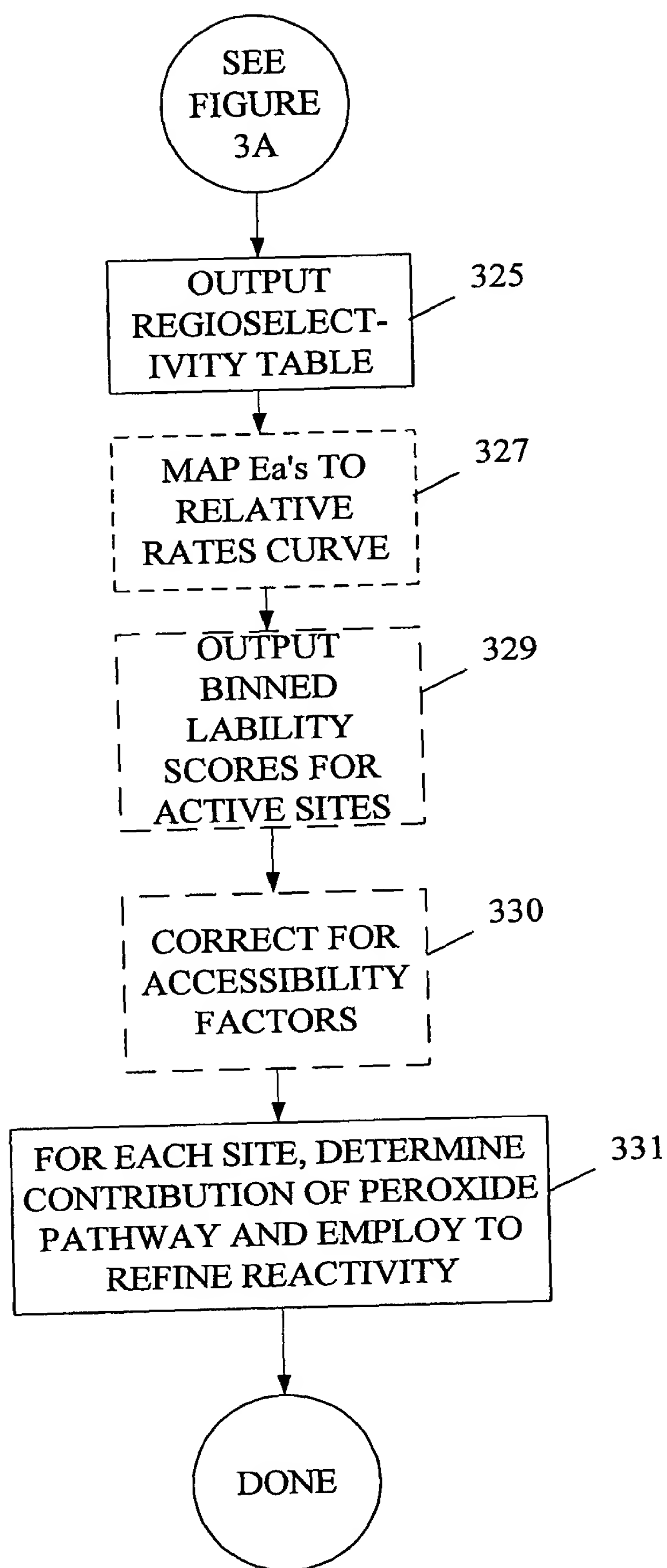


FIGURE 3D

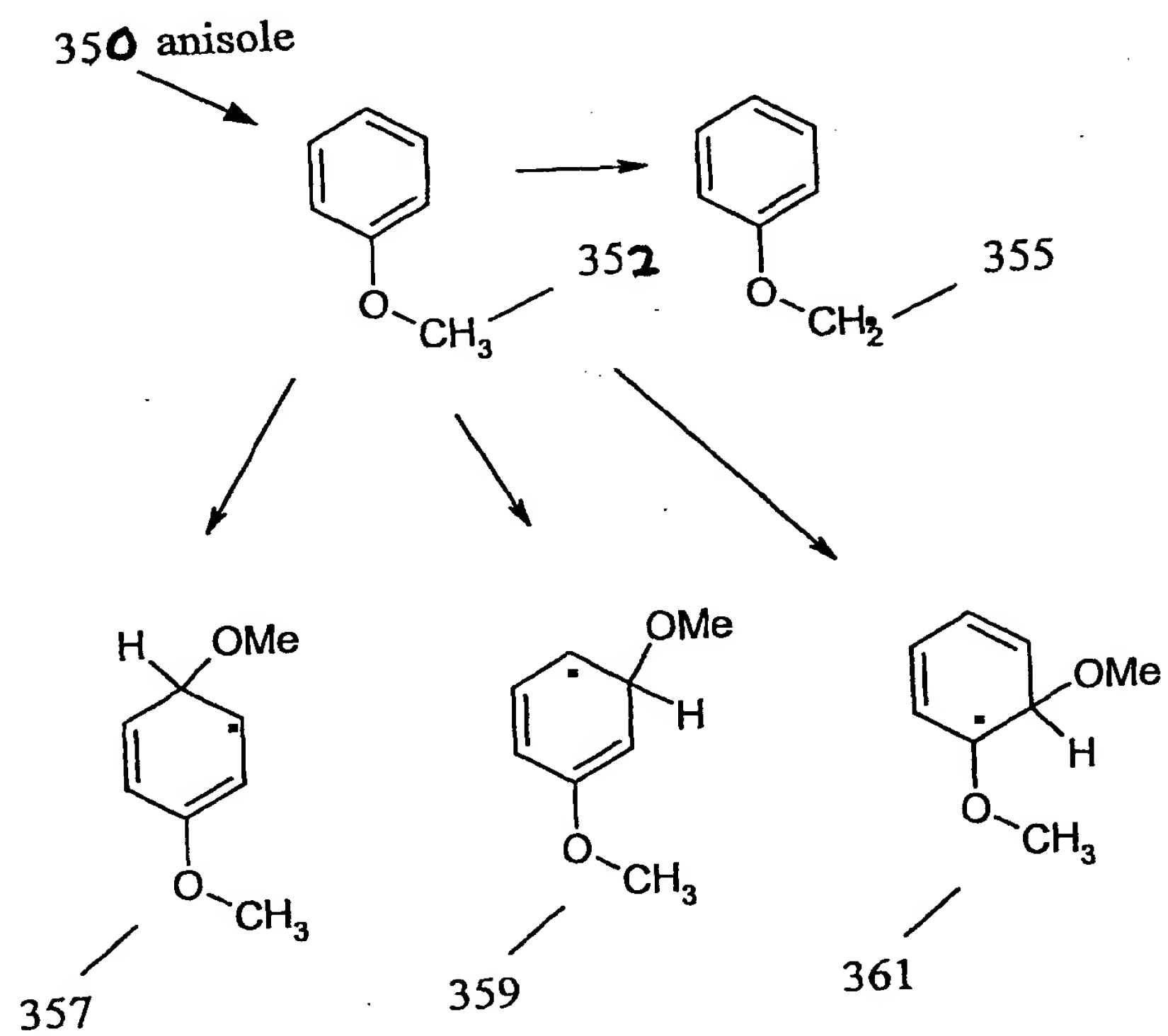


FIGURE 3E

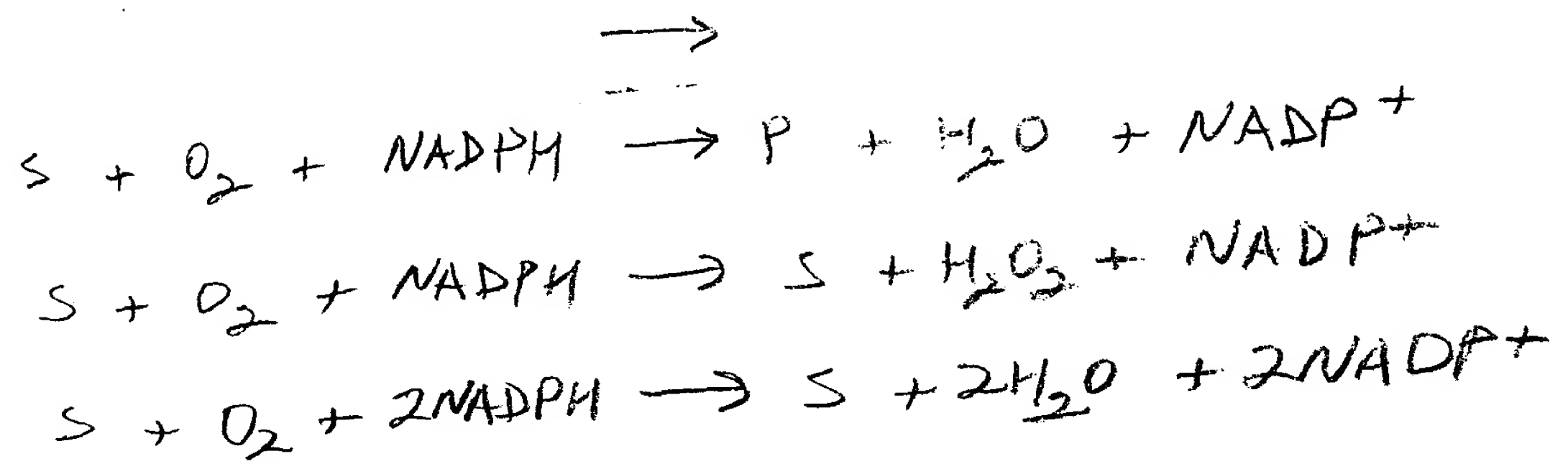


FIG. 4A

	O ₂	NADPH	H ₂ O ₂
product formation	1	1	0
peroxide decoupling	1	1	1
water decoupling	1	2	0

FIG. 4B

[NADPH]

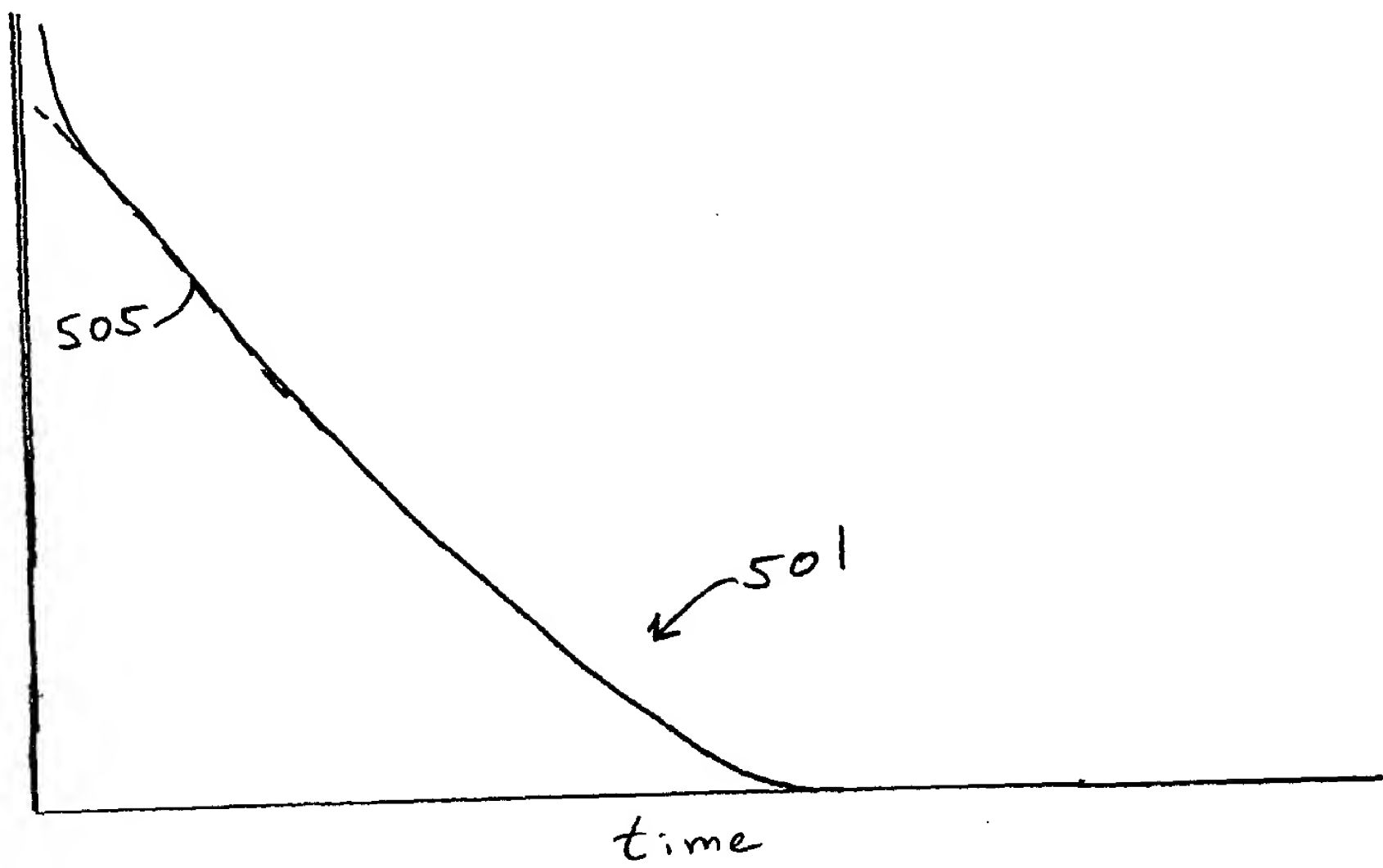


Figure 5A

[O₂]

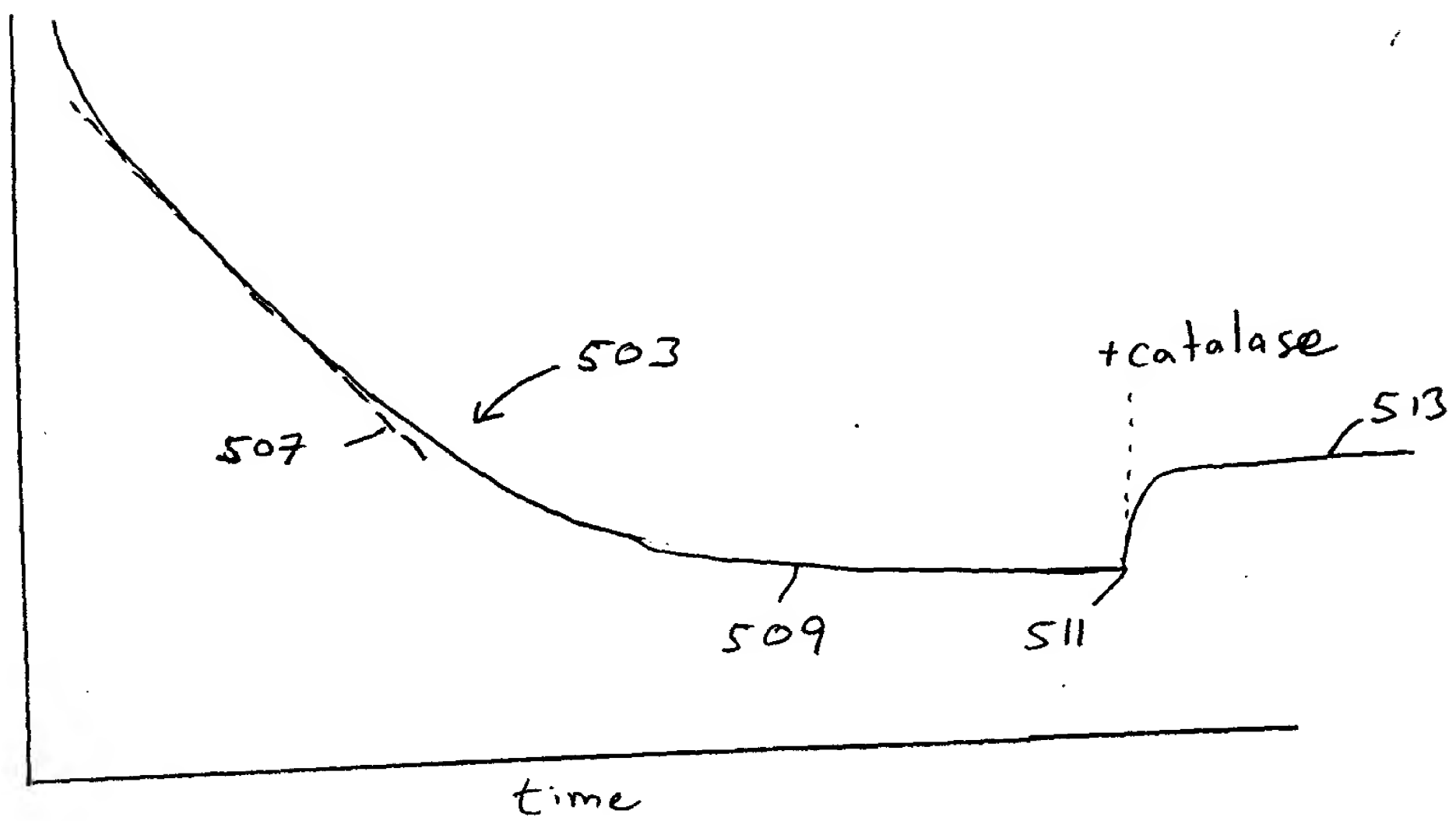


Figure 5B

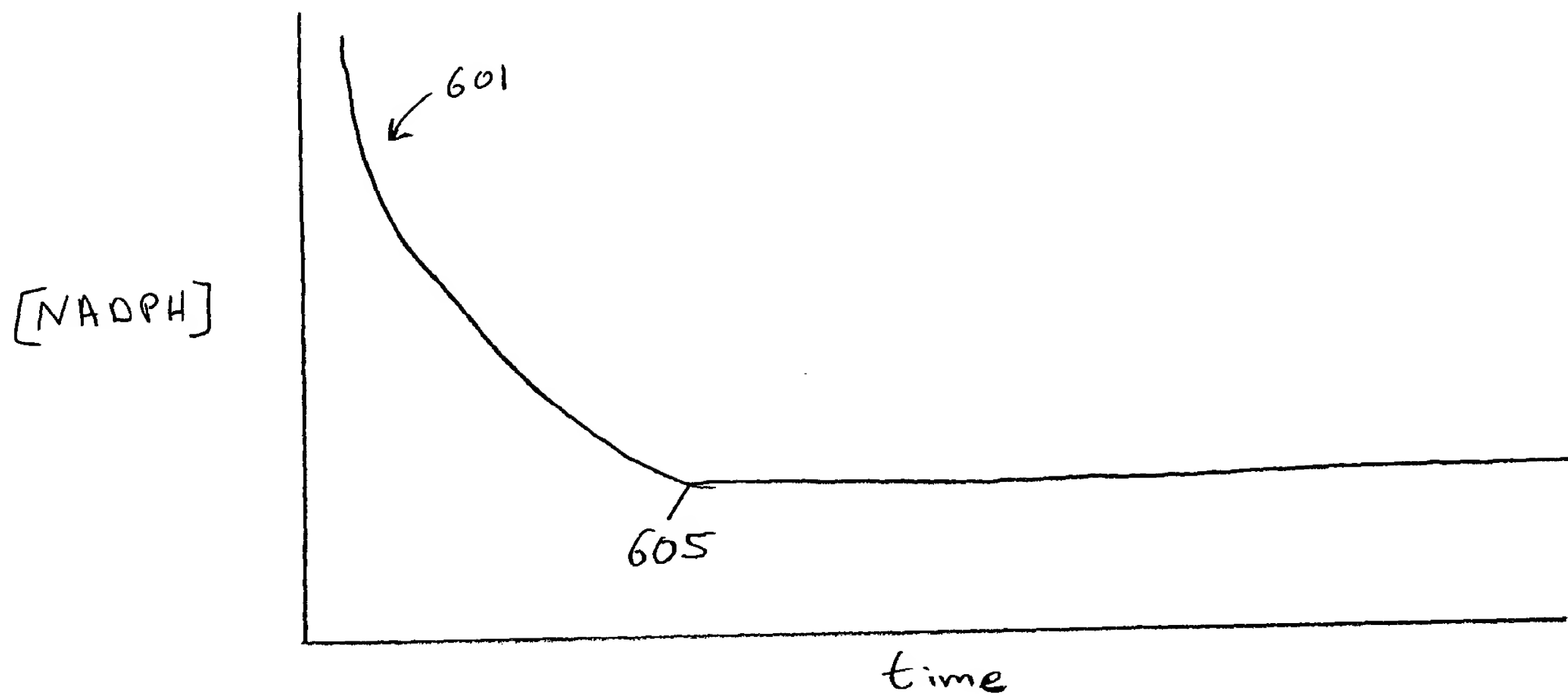


Figure 6A

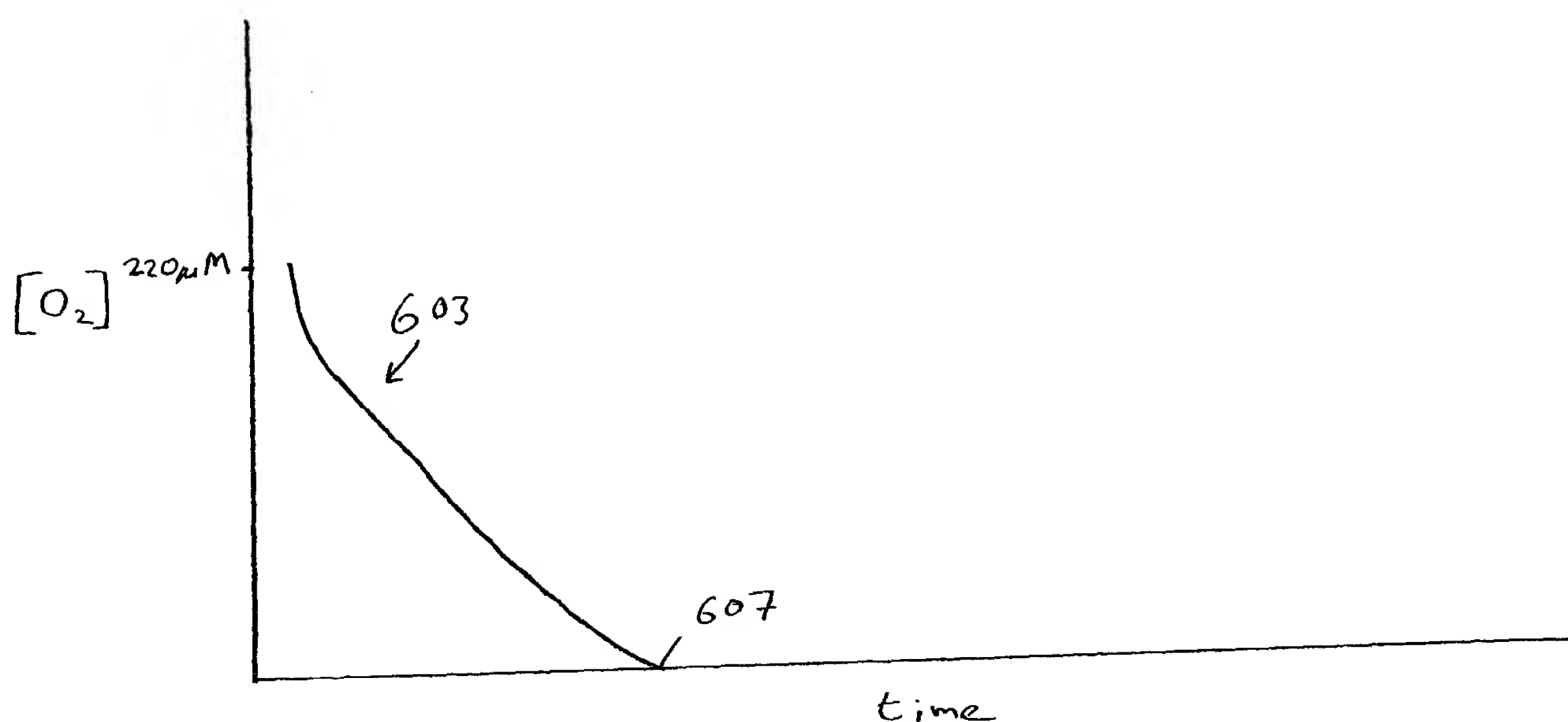


Figure 6B

[NADPH]

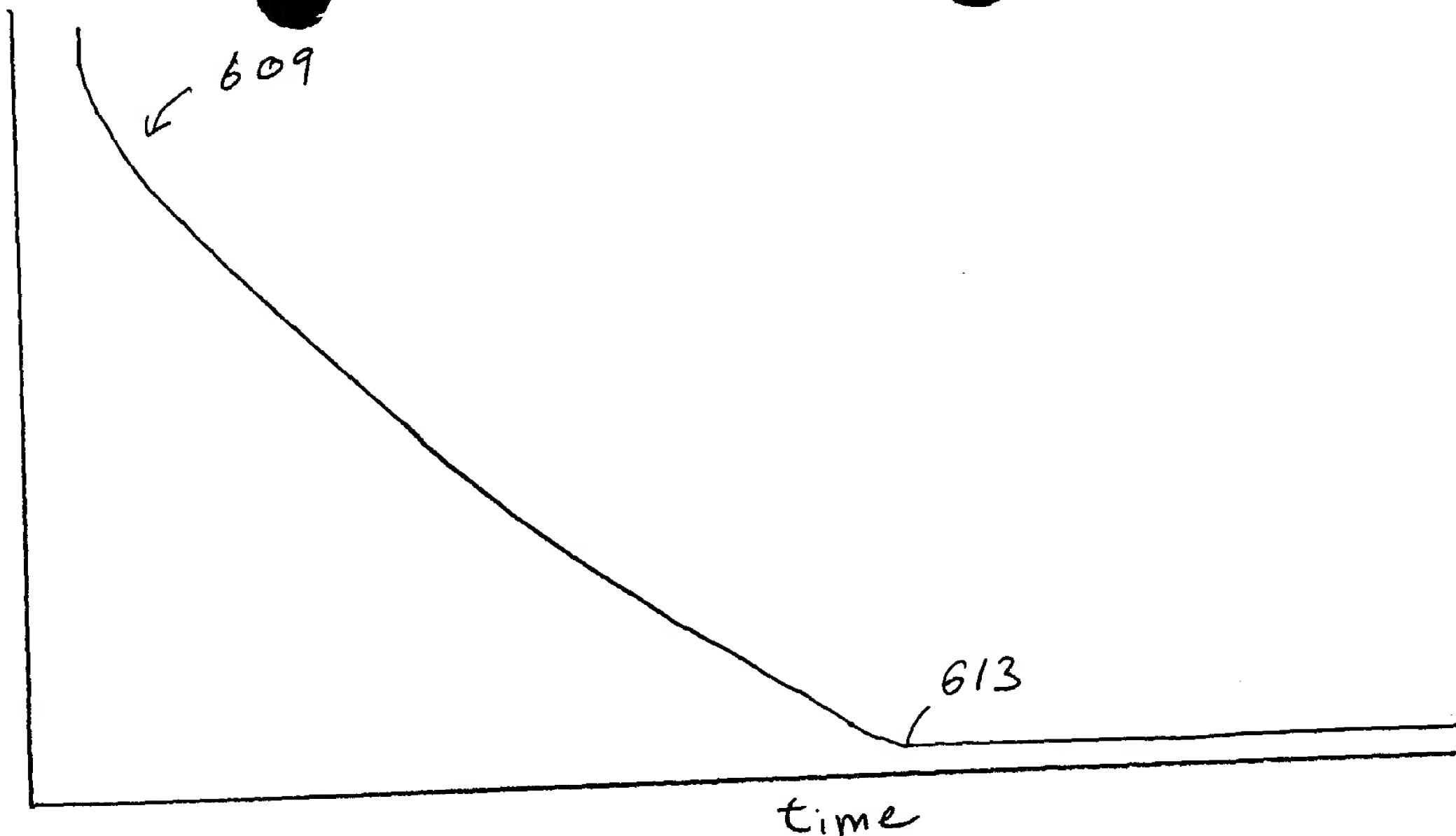


Figure 6C

[O₂]

220 μ M

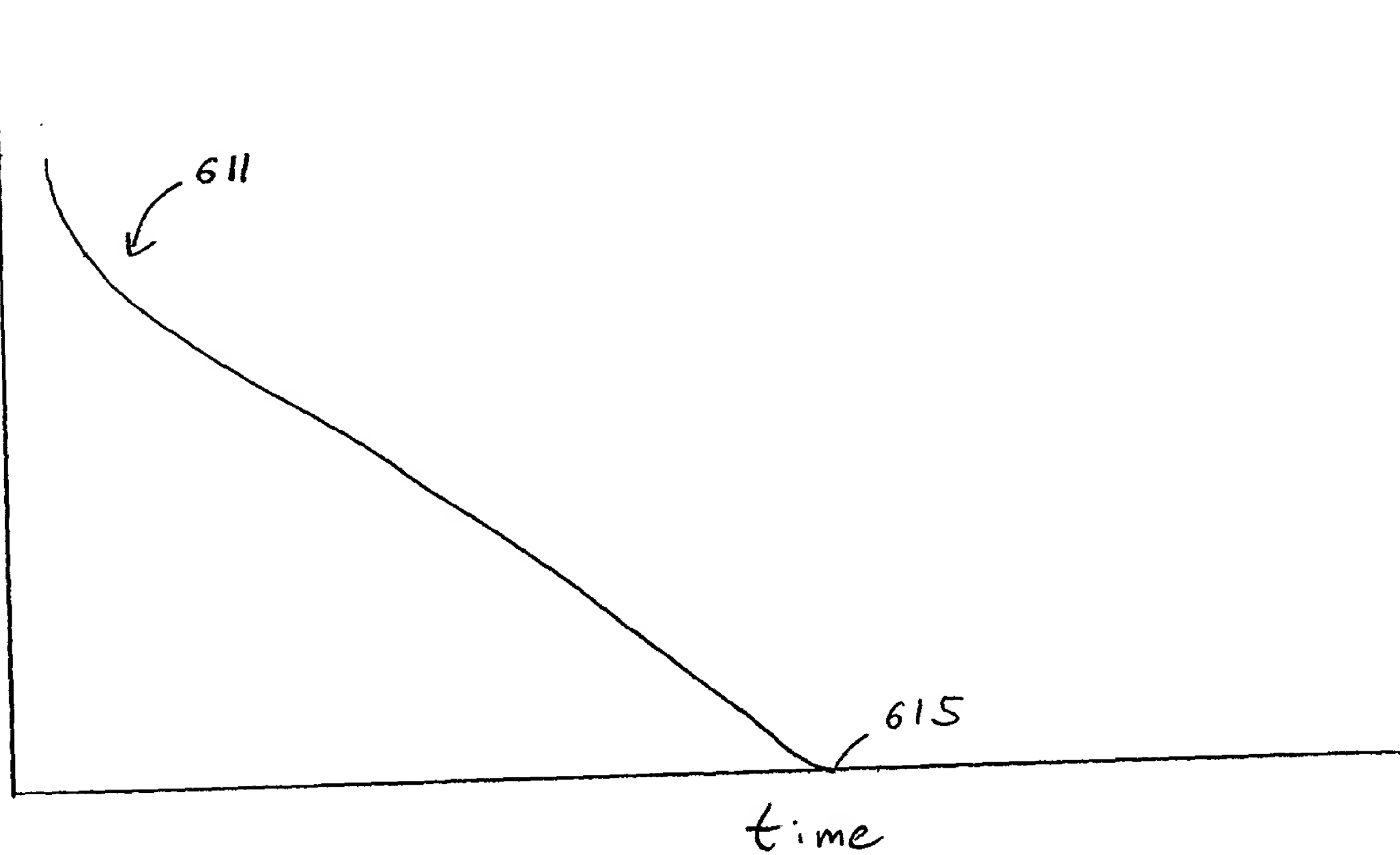


Figure 6D

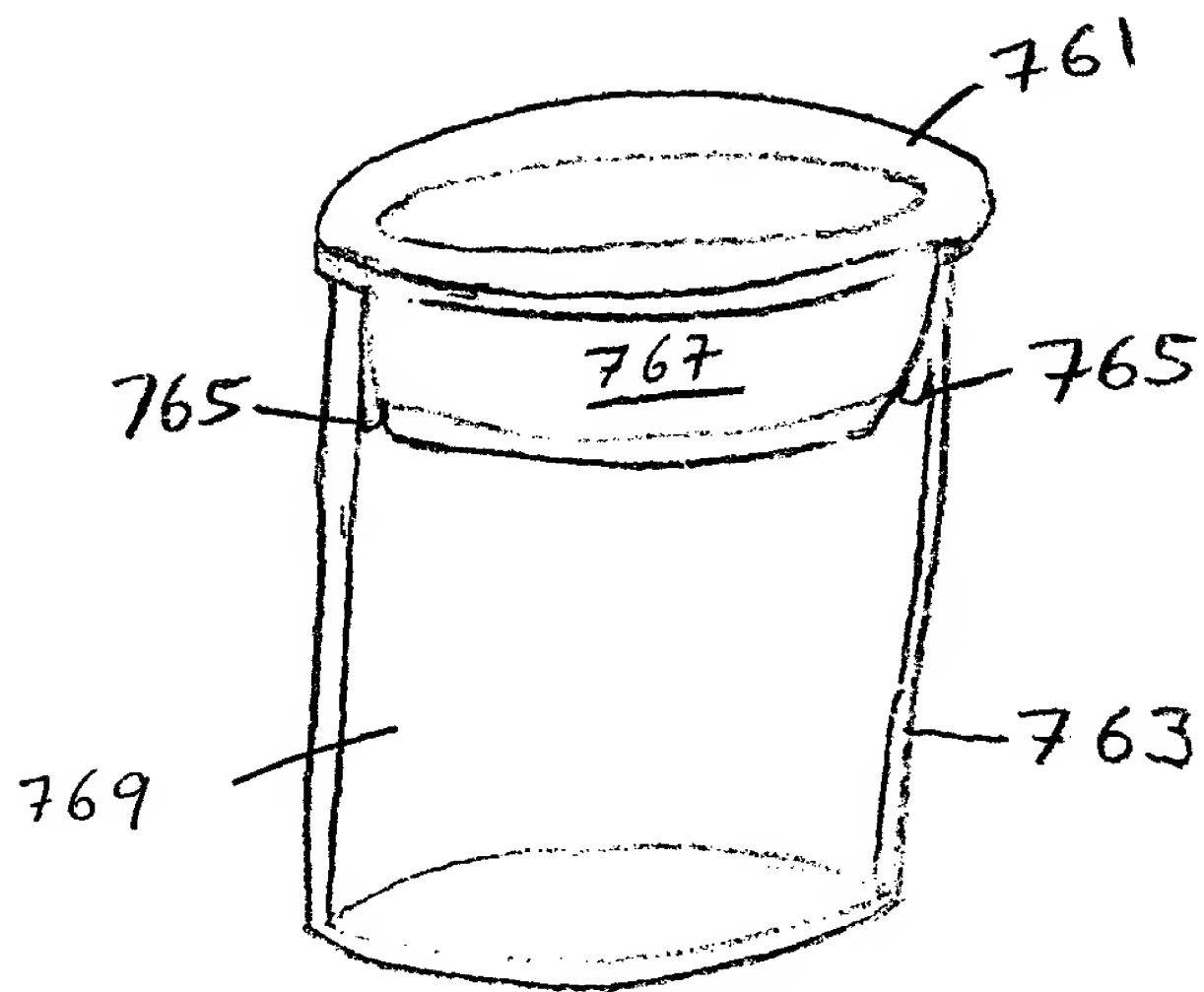
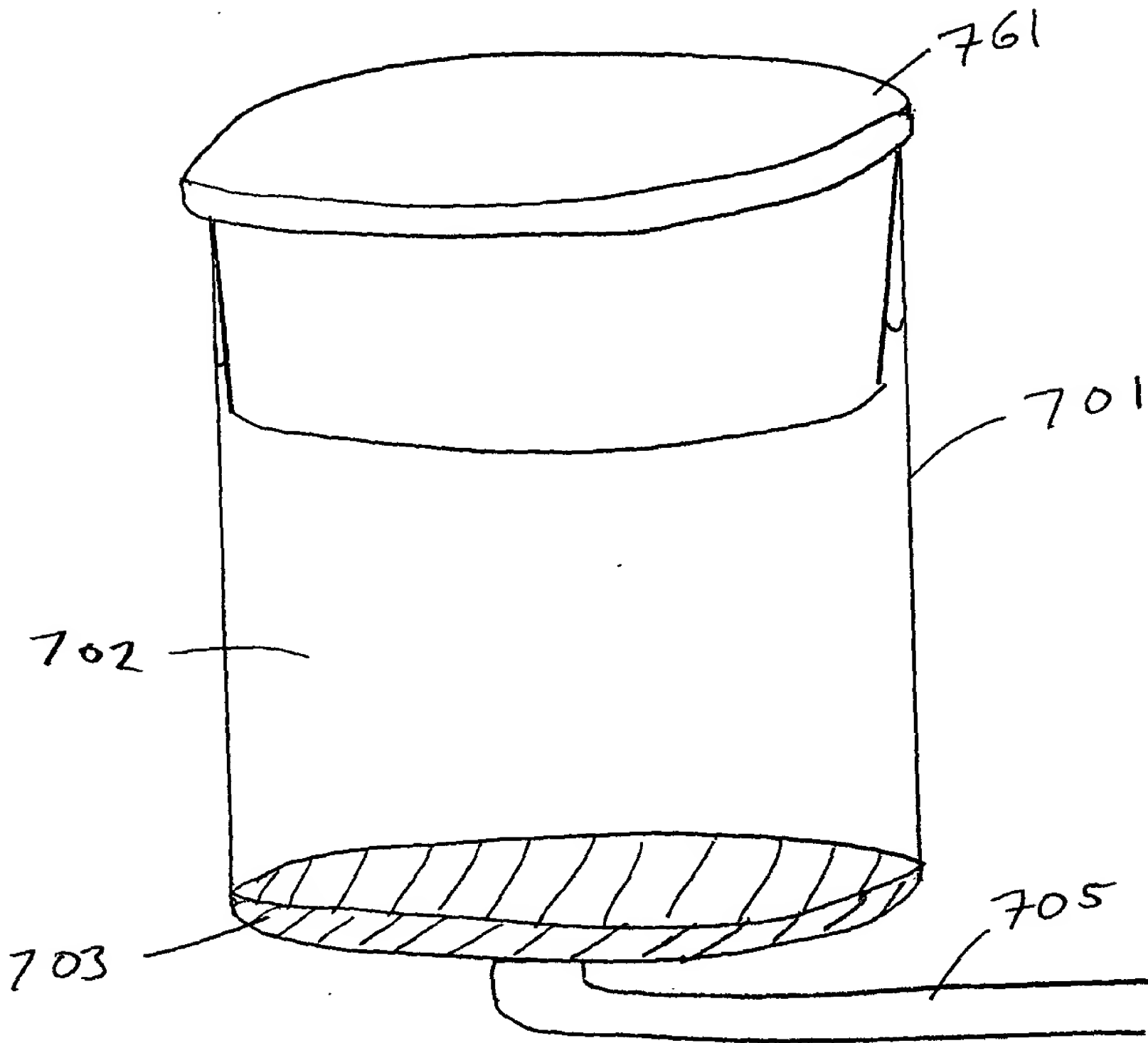


Figure 7A



To Detection
Electronics

FIG. 7B

From
Light
Source

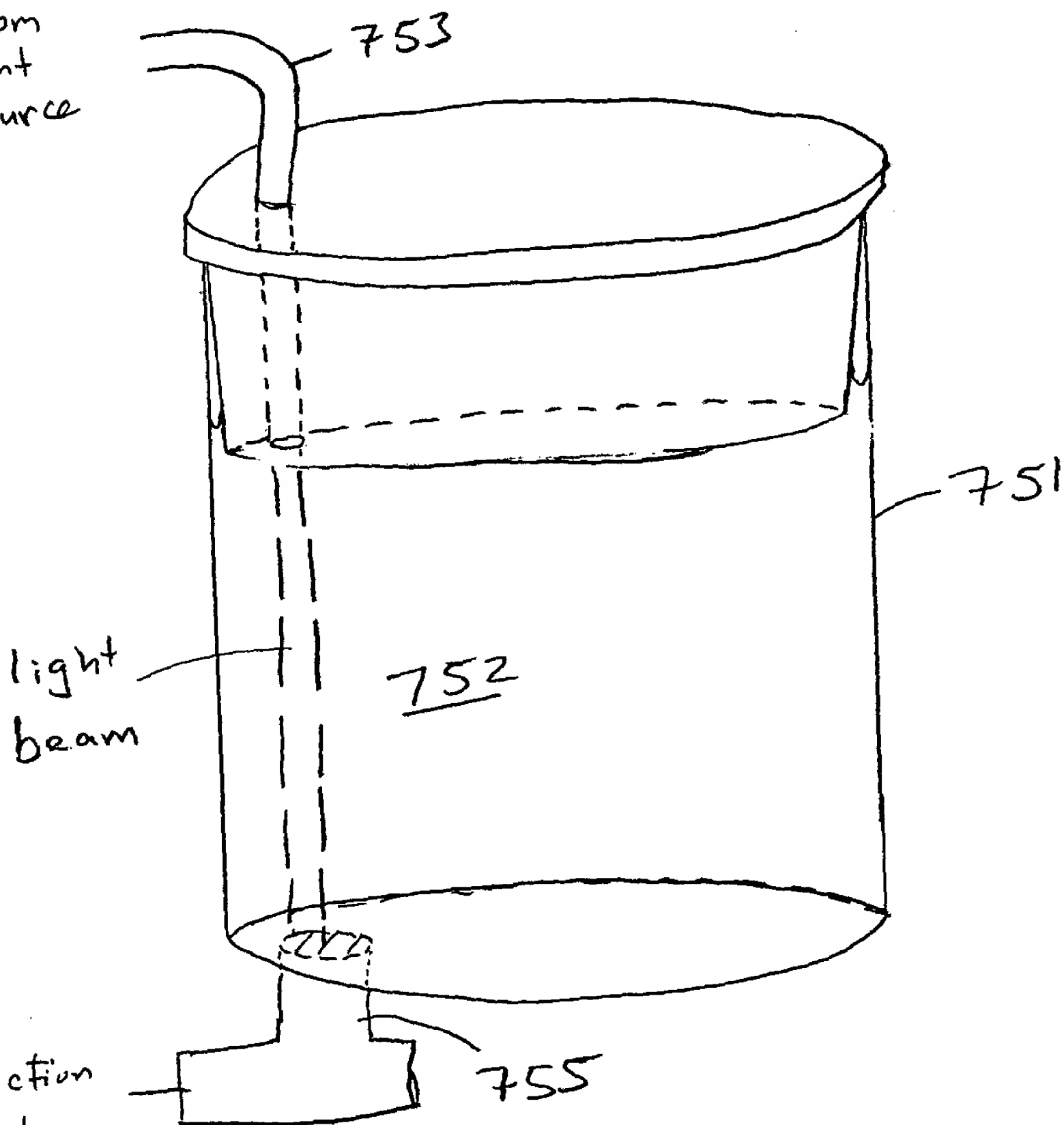


FIG. 7C

095426-091204

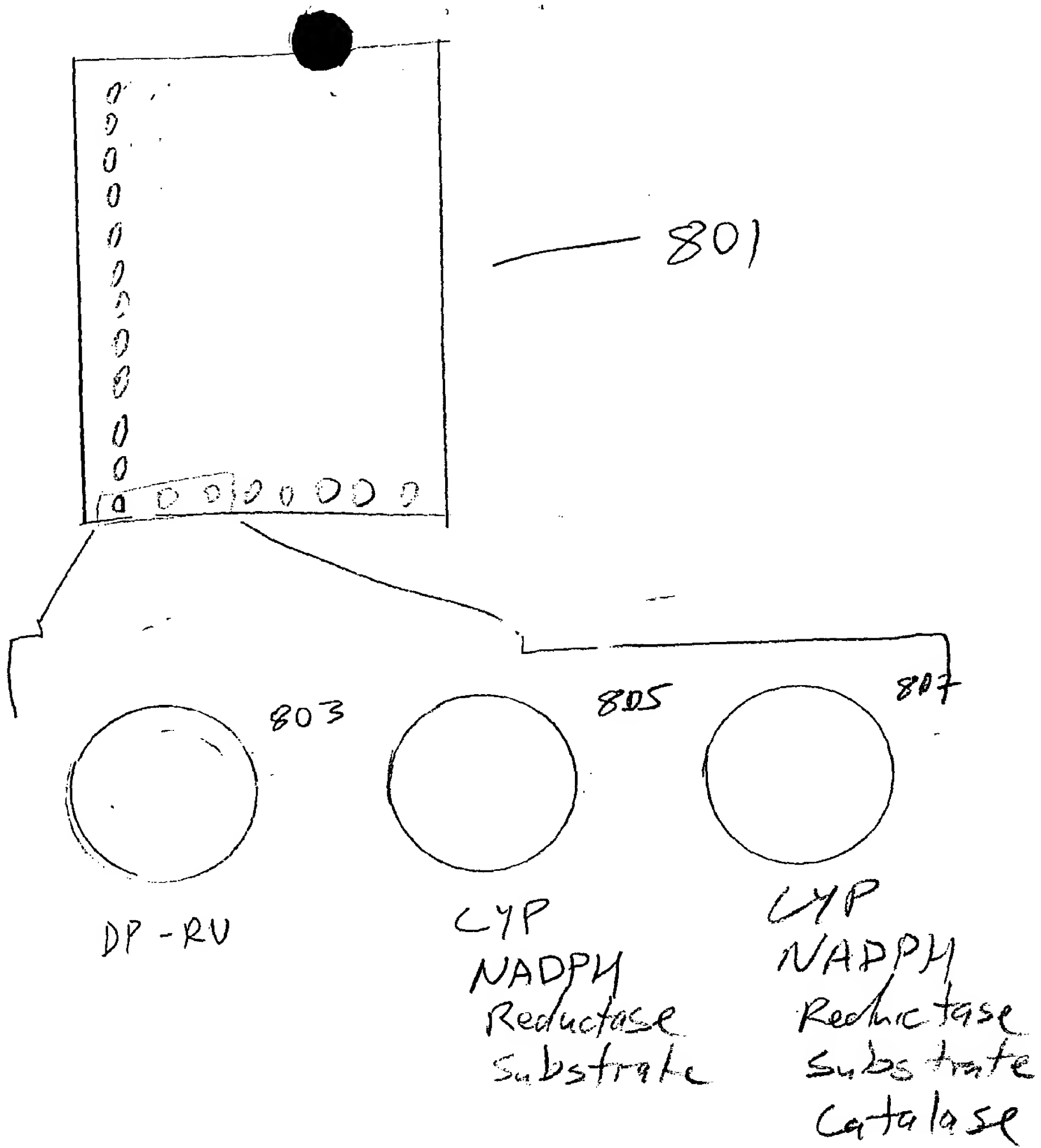


FIG. 8

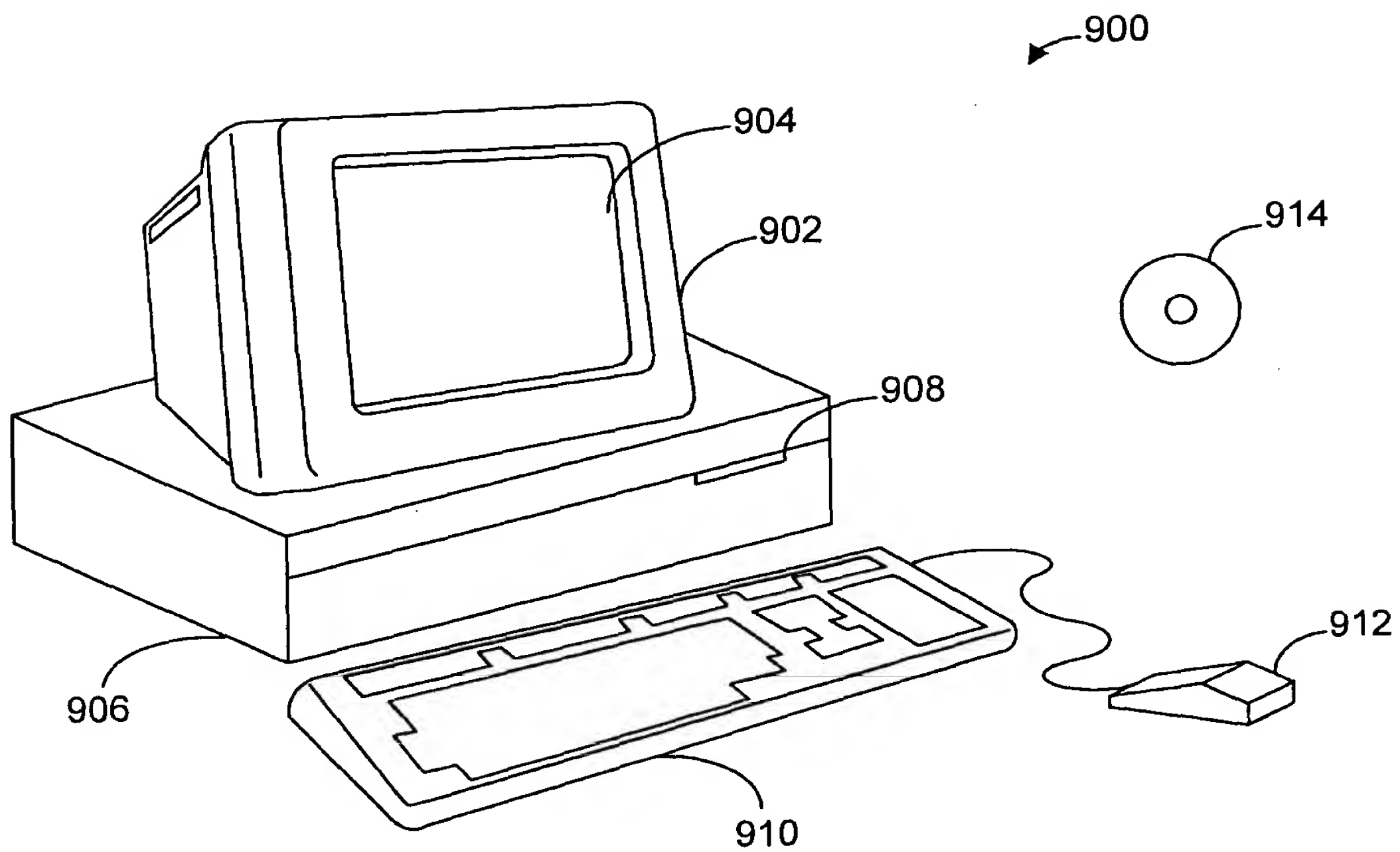


Figure 9A

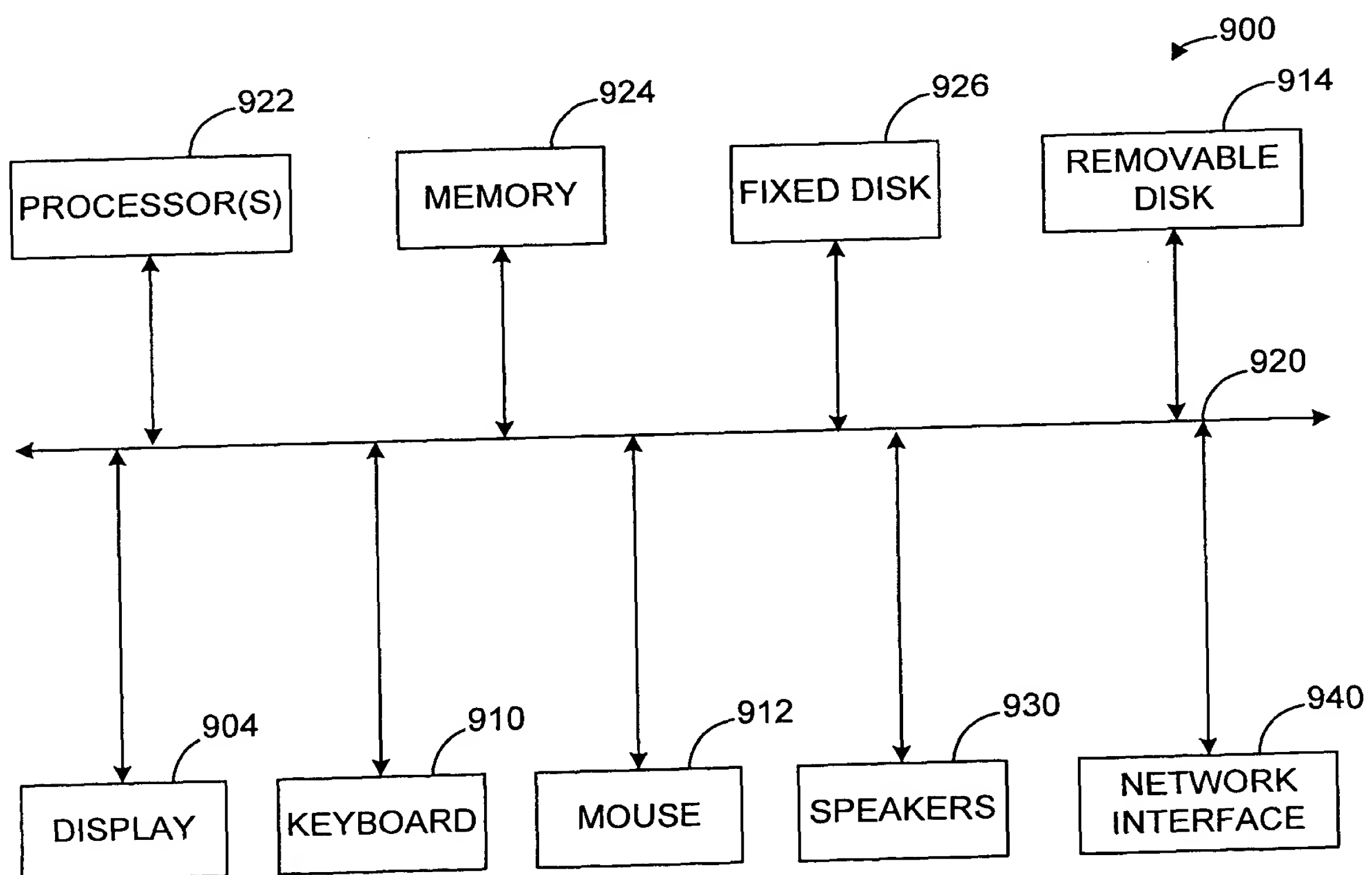


Figure 9B

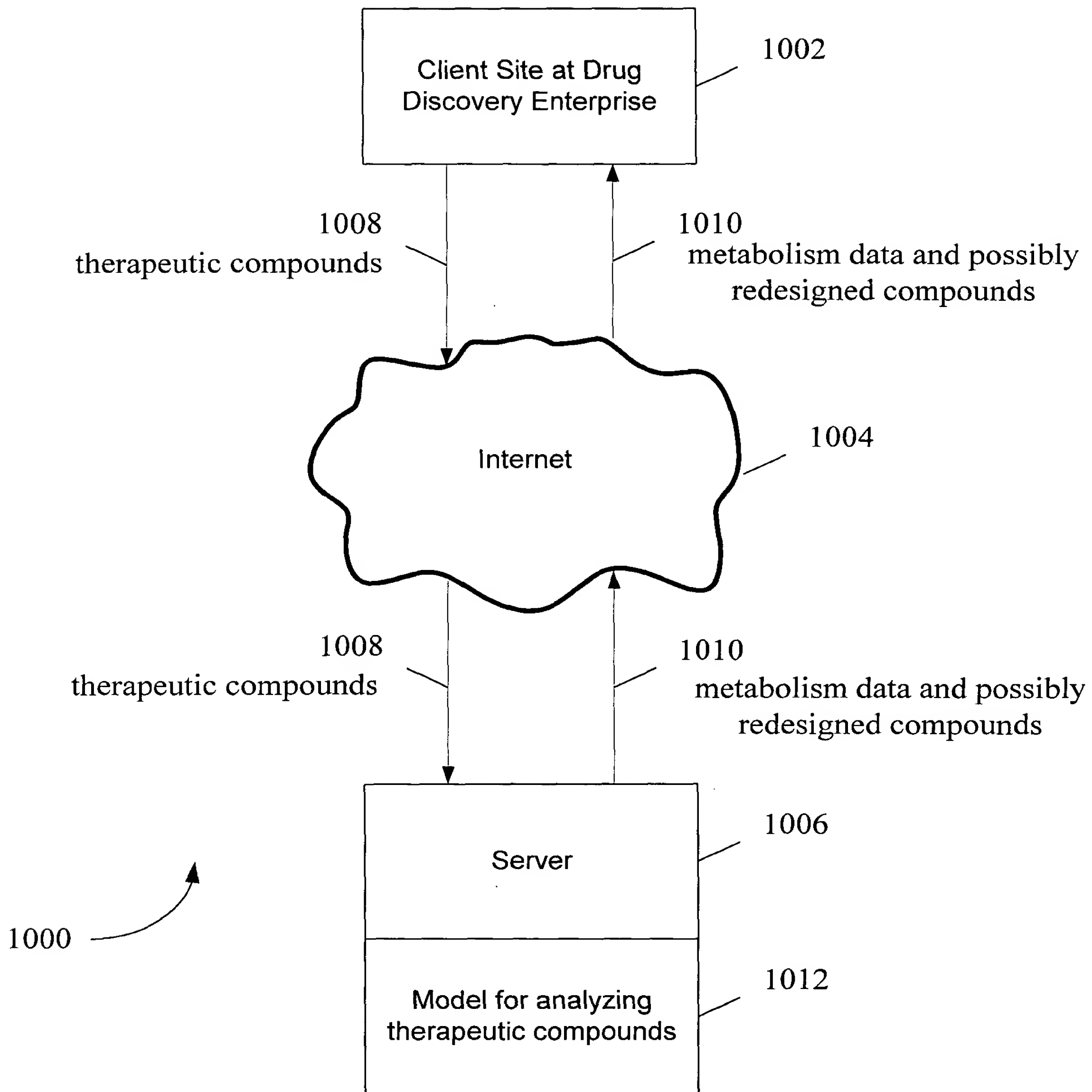


FIGURE 10